



The image has the only illustrative purpose and it is purely indicative, it may not fully reflect the product configuration.

Mini Plug Connector panel-mounted 3p Screw M25 IP66/IP68

Code: **THB.387.C3A**



Potential improvements of the product and modifications of the technical data contained in this document can be made without notice.

GENERAL INFORMATION

Type of installation	Plug and Socket connector
Product configuration	Screw mounting plug
	<i>*Fixing screws to be ordered separately</i>
Locking mechanism	Screw lock
Colour	Black (Plastic components) - Techno green (Rubber components)
Type of pannel	Conductive pannel
Panel nut thread	M25
Panel thickness (mm)	7.00
Connector shape	Straight

ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	17.5A
Voltage rating (AC/DC)	500V AC
Double insulated (Class II)	250V
Impulse withstand voltage	4kV
No. poles	3
Marking	1-2-3
Terminations	Screw
Terminations Thread/Tightening torque	M3 - 0.8 Nm

CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm ²)	0.50
Multi-stranded conductor cross-section without ferrule MAX (mm ²)	2.50
Solid conductor cross-section MIN (mm ²)	0.50
Solid conductor cross-section MAX (mm ²)	2.50
Conductor stripping length (mm)	6.00
Recommened types of cable	H05xxx/H07xxx
Tightening torque of connector-panel adapter	1.0 Nm
Tightening torque of panel nut	1.5 Nm

ENVIRONMENT CONDITIONS

IP rating	IP66, IP68 <i>*IP68 (30m/3h)</i>
Salt Mist	Salt mist test : EN60068-2-11:2000
Mating cycles	1000 cycles
Ambient temperature MIN/MAX (According to EN61984/EN60998)	-40°C/+125°C
Operating temperature MAX	+60°C
Proof Tracking Index (PTI)	PTI 175

MATERIALS

Connector	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
O Rings	TPE
Gaskets	TPE
Impulse withstand category	II
Pollution degree	2
Material property	Halogen Free - Silicone Free
Contacts	Brass
Contact screws	Steel

PRODUCT COMPLIANCES

IEC Approvals	EN 61984:2009
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APPROVALS

CE/UKCA marking:

File	Type	Size
 CE_UKCA_TH387.pdf	PDF	254.88 KB

IEC Approvals:

File	Type	Size
 IMQ_CA02.05037_2022-06-22.pdf	PDF	550.28 KB

REACH/RoHS Approvals:

File	Type	Size
 REACH.pdf	PDF	105.87 KB
 RoHS Compliance.pdf	PDF	84.57 KB

Laboratory test reports:

File	Type	Size
 Test_TH387_IPx6_TUV.pdf	PDF	2.55 MB
 TH387_EN_60335_MII5S0398719_01.pdf	PDF	442.76 KB
 TH387_EN_60598_MII5S0398719_02.pdf	PDF	425.72 KB

TECHNICAL DOCUMENTATIONS

Technical documentations:

File	Type	Size
 606002031_Install_sheet_TH387_pannello.pdf	PDF	1.00 MB

MARKETING DOCUMENTS

Marketing documentations:

File	Type	Size
 BRGENENG022018_ENG.pdf	PDF	4.70 MB
 BRGENFRA092016_FRA.pdf	PDF	5.30 MB
 BRGENITA022018_ITA.pdf	PDF	4.72 MB